RAW SEQUENCE LISTING
ERROR REPORT

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Application Serial Number: _10/084,643β_

Source: _OIPE_

Date Processed by STIC: _7/18/2003_

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Revised 04/24/2003

OIPE

RAW SEQUENCE LISTING   DATE: 07/18/2003
PATENT APPLICATION: US/10/084,643B   TIME: 15:55:25

Input Set : E:\pt_SEQ.502.txt
Output Set: N:\CRF4\07182003\J084643B.raw

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 7         Asundi, Vinod
 8         Drmanac, Radoje T.
11 <120> TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
14 <130> FILE REFERENCE: 21272-502
16 <140> CURRENT APPLICATION NUMBER: 10/084,643B
17 <141> CURRENT FILING DATE: 2002-02-26
20 <150> PRIOR APPLICATION NUMBER: 09/989,660
21 <151> PRIOR FILING DATE: 2001-11-21
23 <150> PRIOR APPLICATION NUMBER: 10/014,487
24 <151> PRIOR FILING DATE: 2001-11-08
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69 <151> PRIOR FILING DATE: 2000-03-07
71 <150> PRIOR APPLICATION NUMBER: 09/515,126
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Does Not Comply
Corrected Diskette Needed

pp 2-4, 6, 9-13

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/084,643B

DATE: 07/18/2003
TIME: 15:55:25

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Output Set: **N:\CRF4\07182003\J084643B.raw**

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PATENT APPLICATION: US/10/084,643B   TIME: 15:57:35

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group of 9
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invalid nucleic acid designator

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p.4

file://C:\CRF4\Outhold\VsrJ084643B.htm   7/18/03

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RAW SEQUENCE LISTING   DATE: 07/18/2003
PATENT APPLICATION: US/10/084,643B   TIME: 15:59:23

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Output Set: N:\CRF4\07182003\J084643B.raw

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P.9

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     5004880  ctcacagctt gtaaagtgtg agacagctgc cttgtgtggg actgagaggc aagagttgtt    2220
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     5006007  tcttcccagc ccaccatccc catcgtgggc atcattgctg cctggttct ctttggagct    960
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invalid

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     5006012  ggtatttctt cacatccgtg tcccggcccg gcagtggaga gccccgcttc atcgcagtgg   1260
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     5006018  tgaacgagga cctgcgctct tggaccgcgg cggacatggc ggctcagatc acccagcgca   1620
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     5006100  ttttaatagg gaaggaagaa gttacagctc agtgcaccat gaagttgaga cagagatgga   180
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     5006103  tgcctacacg aacacagaca catgcaggtg cctttgcaga aacaaagtca gggttcttca   360
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p.12

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                PATENT APPLICATION:  US/10/084,643B    TIME: 15:59:26

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        5006113  cagcgtggtg agtcatatgc gttttggggg cgtccgtgcg ctgcagcgtc tccttcccgt   960
        5006114  tctccaggta tctgcggagc cactccacgc acgtgccctc caggtaggct ctcaactgct  1020
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P. 13

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      5033088  tgttggaaaa atcccactgc attgccgaag tggaaaatga tgagatgcct gctgacttgc    660
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      5033095  ttgtagaggt ctcaagaaaa cctaggaaaa gtgggcagca aatgttgtaa acatcctgaa   1080
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      5033097  tngtgtttgc atgaaaaaaa cnccgt                                        1166
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VERIFICATION SUMMARY   DATE: 07/18/2003
PATENT APPLICATION: **US/10/084,643B**   TIME: 15:59:49

Input Set : **E:\pt_SEQ.502.txt**
Output Set: **N:\CRF4\07182003\J084643B.raw**

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L:146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
M:341 Repeated in SeqNo=2
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:120
L:233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:660
M:341 Repeated in SeqNo=5
L:383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
M:341 Repeated in SeqNo=11
L:412 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:360
M:341 Repeated in SeqNo=12
L:477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
M:341 Repeated in SeqNo=14
L:812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:420
L:839 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:360
L:933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:2460
M:341 Repeated in SeqNo=23
L:1019 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:120
M:341 Repeated in SeqNo=25
L:1073 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:540
M:341 Repeated in SeqNo=27
L:1149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:240
L:1200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:240
M:341 Repeated in SeqNo=31
L:1244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:1080
L:1322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:240
M:341 Repeated in SeqNo=35
L:1435 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:360
L:1492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:540
L:1703 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
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L:1765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
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L:2136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:360
L:2159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:120
M:341 Repeated in SeqNo=64
L:2184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0
M:341 Repeated in SeqNo=65
L:2387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:360
M:341 Repeated in SeqNo=73
L:2710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:360
L:3035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93 after pos.:0
M:341 Repeated in SeqNo=93
L:3062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:0
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L:3179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:2160
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VERIFICATION SUMMARY   DATE: 07/18/2003
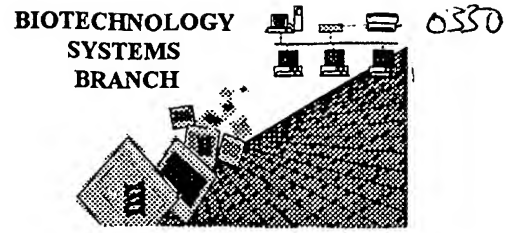PATENT APPLICATION: **US/10/084,643B**   TIME: 15:59:49

Input Set : **E:\pt_SEQ.502.txt**
Output Set: **N:\CRF4\07182003\J084643B.raw**

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L:3596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:420
L:2955329 M:254 E: No. of Bases conflict, LENGTH:Input:2220 Counted:2219 SEQ:90222
M:254 Repeated in SeqNo=90222
L:2955333 M:252 E: No. of Seq. differs, <211> LENGTH:Input:2401 Found:2400 SEQ:90222
L:3979361 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:4884736 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:4951754 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:4957275 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
L:4983769 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
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RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/084,643A_
Source: _QIPE_
Date Processed by STIC: _5/7/2003_

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Revised 04/24/2003

OIPE

RAW SEQUENCE LISTING   DATE: 05/07/2003
PATENT APPLICATION: **US/10/084,643A**   TIME: 14:43:54

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 7         Asundi, Vinod
 8         Drmanac, Radoje T.
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16 <140> CURRENT APPLICATION NUMBER: 10/084,643A
17 <141> CURRENT FILING DATE: 2002-02-26
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Does Not Comply
Corrected Diskette Needed

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PATENT APPLICATION: **US/10/084,643A**   TIME: 14:46:04

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E--> 5004862  nosapiensg tcatggcgcc ccgaaccctc gtcctgctac tctcgggggc tctggccctg  1140      invalid
     5004863  acccagacct gggcgggctc tcactccatg aggtatttct tcacatccgt gtcccggccc  1200
     5004864  ggccgcgggg agccccgctt catcgcagtg ggctacgtgg acgacacgca gttcgtgcgg  1260
     5004865  ttcgacagcg acgccgcgag ccagaggatg gagccgcggg cgccgtggat agagcaggag  1320
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     5004867  gtggacctgg ggaccctgcg cggctactac aaccagagcg aggccggttc tcacaccgtc  1440
     5004868  cagaggatgt atggctgcga cgtggggtcg gactggcgct cctccgcgg gtaccaccag  1500
     5004869  tacgcctacg acggcaagga ttacatcgcc ctgaaagagg acctgcgctc ttggaccgcg  1560
     5004870  gcggacatgg cagctcagac caccaagcac aagtgggagg cggcccatga ggcggagcag  1620
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     5004872  aaggagacgc tgcagcgcac ggacgccccc aaaacgcata tgactcacca cgctgtctct  1740
     5004873  gaccatgaag ccaccctgag gtgctgggcc ctgagcttct accctgcgga gatcacactg  1800
     5004874  acctggcagc gggatgggga ggaccagacc caggacacgg agctcgtgga gaccaggcct  1860
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     5004876  agatacacct gccatgtgca gcatgagggt ttgcccaagc ccctcaccct gagatgggag  1980
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     5004880  ctcacagctt gtaaagtgtg agacagctgc cttgtgtggg actgagaggc aagagttgtt  2220
     5004881  cctgcccttc cctttgtgac ttgaagaacc ctgactttgt ttctgcaaag gcacctgcat  2280
     5004882  gtgtctgtgt tcgtgtaggc ataatgtgag gaggtgggga gaccacccca cccccatgtc  2340
     5004883  caccatgacc ctc                                                       2353
     5005977  <210> SEQ ID NO: 149104
     5005978  <211> LENGTH: 2615
     5005979  <212> TYPE: DNA
     5005980  <213> ORGANISM: Homo sapiens
     5005982  <220> FEATURE:
     5005983  <221> NAME/KEY: misc_feature
     5005984  <222> LOCATION: (1)...(2615)
     5005985  <223> OTHER INFORMATION: n = a,t,c or g
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     5005996  ccggagtatt gggaccggaa cacacggaat gtgaaggccc actcacagac tgaccgagtg  300
     5005997  gacctgggga ccctgcgcgg ctactacaac cagagcgagg ccggttctca ccatccag     360
     5005998  atgatgtatg gctgcgacgt ggggtcggac gggcgcttcc tccgcgggta ccggcaggac  420
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     5006000  gacatggcag ctcagaccac caagcacaag tgggaggcgg cccatgtggc ggagcagtgg  540
     5006001  agagcctacc tggagggcac gtgcgtggag tggctccgca gatacctgga gaacgggaag  600
     5006002  gagacgctgc agcgcacgga cgcccccaaa acgcatatga ctcaccacgc tgtctctgac  660
     5006003  catgaagcca ccctgaggtg ctgggccctg agcttctacc ctgcggagat cacactgacc  720
     5006004  tggcagcggg atggggagga ccagacccag gacacggagc tcgtggagac caggcctgca  780
     5006005  ggggatggaa ccttccagaa gtgggtggct gtggtggtgc cttctggaca ggagcagaga  840
     5006006  tacacctgcc atgtgcagca tgagggtttg cccaagcccc tcaccctgag atgggagccg  900
     5006007  tcttcccagc ccaccatccc catcgtgggc atcattgctg gcctggttct ctttggagct  960
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p.11

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RAW SEQUENCE LISTING              DATE: 05/07/2003
PATENT APPLICATION:  US/10/084,643A     TIME: 14:47:54

     Input Set : E:\pt_SEQ.502
     Output Set: N:\CRF4\05072003\J084643A.raw

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     5006011  tcctgctact ctcggggggcc ctggccctga cccacacctg ggcgggctcc cactccatga  1200
     5006012  ggtatttctt cacatccgtg tcccggcccg gcagtggaga gccccgcttc atcgcagtgg  1260
     5006013  gctacgtgga cgacacgcag ttcgtgcggt tcgacagcga cgccgcgagc cagaggatgg  1320
     5006014  agccgcgggc gccgtggata gagcaggaga ggcctgagta ttgggaccag gagacacgga  1380
     5006015  atgtgaaggc ccagtcacag actgaccgag tggacctggg gaccctgcgc ggctactaca  1440
     5006016  accagagcga ggccggttct cacaccatcc agataatgta tggctgcgac gtggggtcgg  1500
     5006017  acgggcgctt cctccgcggg tatgaacagc acgcctacga cggcaaggat tacatcgccc  1560
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     5006019  agtgggaggc ggcccgttgg gcggagcagt tgagagccta cctggagggc acgtgcgtgg  1680
     5006020  agtggctccg cagatacctg gagaacggga aggagacgct gcagcgcacg gaccccccca  1740
     5006021  agacacatat gacccaccac cccatctctg accatgaggc caccctgagg tgctgggccc  1800
     5006022  tgggcttcta ccctgcggag atcacactga cctggcagcg ggatggggag gaccagaccc  1860
     5006023  aggacacgga gctcgtggag accaggcctg caggggatgg aaccttccag aagtgggcgg  1920
     5006024  ctgtggtggt gccttctgga gaggagcaga gatacacctg ccatgtgcag catgagggtc  1980
     5006025  tgcccaagcc cctcaccctg agatgggagc tgtcttccca gcccaccatc cccatcgtgg  2040
     5006026  gcatcattgc tggcctggtt ctccttggag ctgtgatcac tggagctgtg gtcgctgccg  2100
     5006027  tgatgtggag gaggaagagc tcagatagaa aagcggacgc ccccaaaacg catatgactc  2160
     5006028  accacgctgt ctctgaccat gaagccaccc tgaggtgctg ggccctgagc ttctaccctg  2220
     5006029  cggagatcac actgacctgg cagcgggatg gggaggacca gacccaggac acggagctcg  2280
     5006030  tggagaccag gcctgaaggg gatggaacct tccagaagtg ggcggctgtg gtggtgcctt  2340
     5006031  ctggacagga gcagagatac acctgccatg tgcagcatga gggtttgccc aagcccctca  2400
     5006032  ccctgagatg ggagccgtct tcccagccca ccatccccat cgtgggcatc attgctggcc  2460
     5006033  tggttctctt tggagctgtg atcactggag ctgtggtcgc tgctgtgatg tggaggagga  2520
     5006034  agagctcaga tagaaaagga gggagctact ctcaggctgc aagcagtgac agtgcccagg  2580
     5006035  gctctgatgt gtctctcaca gcttgtaaag tgtga              2615
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     5006084  <211> LENGTH: 3104
     5006085  <212> TYPE: DNA
     5006086  <213> ORGANISM: Homo sapiens
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     5006099  ttaactcatc aacctctcat ggcaagaatt tgagaaagta aatttatact caggttctaa  120
     5006100  ttttaatagg gaaggaagaa gttacagctc agtgcaccat gaagttgaga cagagatgga  180
     5006101  gacacctcag ccccacctct ctggaacagg aaagatgatt ggagagggag cacaggtcag  240
     5006102  cgtgggaaga gggtcatggt ggacatcggg gtggggtggt ctccccacct cctcacatta  300
     5006103  tgcctacacg aacacagaca catgcaggtg cctttgcaga aacaaagtca gggttcttca  360
     5006104  agtcacaaag ggaagggcag gaacaactct tgcctctcag tcccacacaa ggcagctgtc  420
     5006105  tcacacttta caagctgtga gagacacatc agagccctgg gcactgtcac tgcttgcagc  480
     5006106  ctgaagagcc ctgggcactg tcactgcttg cagcctgaga gtagctccct cctttctat  540
     5006107  ctgagctctt cctcctccac atcacagcag cgaccacagc tccagtgatc acagctccaa  600
     5006108  agagaaccag gccagcaatg atgcccacga tggggatggt gggctgggaa gacggctccc  660
     5006109  atctcaggt gagggggcttg ggcaaaccct catgctgcac atggcaggtg tatctctgct  720
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p. 12

RAW SEQUENCE LISTING   DATE: 05/07/2003
PATENT APPLICATION: US/10/084,643A   TIME: 14:47:54

Input Set : E:\pt_SEQ.502
Output Set: N:\CRF4\05072003\J084643A.raw

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        5006113  cagcgtggtg agtcatatgc gttttggggg cgtccgtgcg ctgcagcgtc tccttcccgt    960
        5006114  tctccaggta tctgcggagc cactccacgc acgtgccctc caggtaggct ctcaactgct   1020
        5006115  ccgcctcatg ggccgcctcc cacttgtgct tggtggtctg agctgccatg tccgccgcgg   1080
        5006116  tccaagagcg caggtcctct ttcagggcga tgtaatcctt gccgtcgtag gcgtactggt   1140
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        5006125  tcttcaagtc acaaagggaa gggcaggaac aactcttgcc tctcagtccc acacaaggca   1680
        5006126  gctgtctcac actttacaag ctgtgagaga cacatcagag ccctgggcac tgtcactgct   1740
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        5006128  agcgaccaca gctccagtga tcacagctcc aaagagaacc aggccagcaa tgatgcccac   1860
        5006129  gatggggatg gtgggctggg aagacggctc ccatctcagg gtgaggggct gggcaaacc   1920
        5006130  ctcatgctgc acatggcagg tgtatctctg ctcctgtcca gaaggcacca ccacagccgc   1980
        5006131  ccacttctgg aaggttccat cccctgcagg cctggtctcc acgagctccg tgtcctgggt   2040
        5006132  ctggtcctcc ccatcccgct gccaggtcag tgtgatctcc gcagggtaga agctcagggc   2100
        5006133  ccagcacctc agggtggctt catggtcaga gacagcgtgg tgagtcatat gcgttttggg   2160
        5006134  ggcgtccgtg cgctgcagcg tctccttccc gttctccagg tatctgcgga gccactccac   2220
        5006135  gcacgtgccc tccaggtagg ctctcaactg ctccgccaca tgggccgcct cccacttgtg   2280
        5006136  cttggtggtc tgagctgcca tgtccgccgc ggtccaagag cgcaggtcct ctttcagggc   2340
        5006137  gatgtaatcc ttgccgtcgt aggcgtactg gtggtacccg cggaggaagc gccagtccga   2400
        5006138  ccccacgtcg cagccataca tcctctggac ggtgtgagaa ccggcctcgc tctggttgta   2460
        5006139  gtagccgcgc agggtcccca ggtccactcg gtcaatctgt gagtgggcct tcactttccg   2520
        5006140  tgtctccccg tcccaatact ccggaccctc ctgctctatc cacggcgccc gcggctccat   2580
        5006141  cctctggctc gcggcgtcgt tcagggcgat gtaatccttg ccgtcgtagg cgtactggtg   2640
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        5033071  <223> OTHER INFORMATION: n = a,t,c or g
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RAW SEQUENCE LISTING   DATE: 05/07/2003
PATENT APPLICATION: US/10/084,643A   TIME: 14:47:56

Input Set : E:\pt_SEQ.502
Output Set: N:\CRF4\05072003\J084643A.raw

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      5033081  actatgctga ggcaaaggat gtcttcctgg gcatgttttt gtatgaatat gcaagaaggc    240
      5033082  atcctgatta ctctgtcgtg ctgctgctga gacttgccaa gacatatgaa accactctag    300
      5033083  agaagtgctg tgccgctgca gatcctcatg aatgctatgc caaagtgttc gatgaattta    360
      5033084  aacctcttgt ggaagagcct cagaatttaa tcaaacaaaa ttgtnagctt tttgagcagc    420
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      5033088  tgttggaaaa atcccactgc attgccgaag tggaaaatga tgagatgcct gctgacttgc    660
      5033089  cttcattagc tgctgatttt gttgaaagta aggatgtttg caaaaactat gctgaggcaa    720
      5033090  aggatgtctt cctgggcatg tttttgtatg aatatgcaag aaggcatcct gattactctg    780
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      5033092  ctgcagatcc tcatgaatgc tatgccaaag tgttcgatga atttaaacct cttgtggaag    900
      5033093  agcctcagaa tttaatcaaa caaaattgtg agctttttga gcagcttgga gagtacaaat    960
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      5033095  ttgtagaggt ctcaagaaaa cctaggaaaa gtgggcagca aatgttgtaa acatcctgaa   1080
      5033096  agcaaaaaga aatgccctgt tgcagaaaaa ctatctatcc gtggtcctga accagttatg   1140
      5033097  tngtgtttgc atgaaaaaaa cnccgt                                         1166
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VERIFICATION SUMMARY   DATE: 05/07/2003
PATENT APPLICATION: US/10/084,643A   TIME: 14:48:17

              Input Set : E:\pt_SEQ.502
              Output Set: N:\CRF4\05072003\J084643A.raw

L:146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
M:341 Repeated in SeqNo=2
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:120
L:233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:660
M:341 Repeated in SeqNo=5
L:383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
M:341 Repeated in SeqNo=11
L:412 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:360
M:341 Repeated in SeqNo=12
L:477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
M:341 Repeated in SeqNo=14
L:812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:420
L:839 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:360
L:933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:2460
M:341 Repeated in SeqNo=23
L:1019 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:120
M:341 Repeated in SeqNo=25
L:1073 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:540
M:341 Repeated in SeqNo=27
L:1149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:240
L:1200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:240
M:341 Repeated in SeqNo=31
L:1244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:1080
L:1322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:240
M:341 Repeated in SeqNo=35
L:1435 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:360
L:1492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:540
L:1703 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
M:341 Repeated in SeqNo=49
L:1765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
M:341 Repeated in SeqNo=51
L:1799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:360
M:341 Repeated in SeqNo=52
L:2071 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0
M:341 Repeated in SeqNo=61
L:2136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:360
L:2159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:120
M:341 Repeated in SeqNo=64
L:2184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0
M:341 Repeated in SeqNo=65
L:2387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:360
M:341 Repeated in SeqNo=73
L:2710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:360
L:3035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93 after pos.:0
M:341 Repeated in SeqNo=93
L:3062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:0
M:341 Repeated in SeqNo=94
L:3179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:2160

VERIFICATION SUMMARY   DATE: 05/07/2003
PATENT APPLICATION: **US/10/084,643A**   TIME: 14:48:17

Input Set : **E:\pt_SEQ.502**
Output Set: **N:\CRF4\05072003\J084643A.raw**

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L:3516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:0
L:3596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:420
L:2955329 M:254 E: No. of Bases conflict, LENGTH:Input:2220 Counted:2219 SEQ:90222
M:254 Repeated in SeqNo=90222
L:2955333 M:252 E: No. of Seq. differs, <211> LENGTH:Input:2401 Found:2400 SEQ:90222
L:3979361 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:4884736 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:4951754 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:4957275 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
L:4983769 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:5004861 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:5004862 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:4
L:5006009 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:5006010 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
L:5006123 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:5
L:5033085 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:104 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (158) Counted (158931)
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